BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Modified Cost Rs. 24.5161akhs

Name of Work:-Providing asphalting to main and cross roads of Ambhabhavani layout in Attur ward no-03.(Providing RCC Drain Amba Bhavani Nagara of Attur ward No-03.)

Sl No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2016-17)	Cum							
	Desilting of drains:-Cross roads		6	58.00	0.45	0.45	70.47		
	Main road		2	90.00	0.55	0.60	59.40		
	Berm cutting:-Cross Roads		6	58.00	0.80	0.20	55.68		
	Main road		2	90.00	1.20	0.30	64.80		
							250.35	83.80	20979.03
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, specification, specification No KBS 2.1(b) 2.3.5, No. 5 Item No. 2.4 PWD SR 2016-17	Cum							
	RCC drain:-Cross Roads		5	58.00	1.35	0.70	274.05		
	Main road		1	15.00	1.50	0.80	18.00		
							292.05		
	(-) Desilting of drains:-Cross roads		5	58.00	0.45	0.45	58.73		
	Main road		1	15.00	0.55	0.50	4.13		
							62.85		
							229.20	294.58	67518.03
	Basic Rate	283.00							
	Area Weightage @ 6%	16.98							
	SubTotal	299.98							
	Tender premium(-1.80%)	5.40							
	GrandTotal	294.58							
3	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum,KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17)	Cum							
			Vide Item No. 1+2				479.55	70.00	33569.00

	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exceeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1.4.2(Item no 4.3,Page no12.PWD SR 2016-17)	Cum							
	RCC drain:-Cross Roads		5	58.00	1.35	0.15	58.73		
	Main road		1	15.00	1.50	0.15	3.38		
							62.10	5066.16	314608.00
	Basic Rate	4867.00							
	Area Weightage @ 6%	292.02							
	SubTotal	5159.02							
	Tender premium(-1.80%)	92.86							
	GrandTotal	5066.16							
5	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs. with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no13,sno4.11)	Cum							
	RCC Drain bottom:-Cross Roads		5	58.00	1.20	0.175	60.90		
	Main road		1	15.00	1.35	0.175	3.54		
	Side walls:-cross roads		10	58.00	0.15	0.70	60.90		
	Main road		2	15.00	0.15	0.80	3.60		
							128.94	6256.97	806797.00
	Basic Rate	6011.00							
	Area Weightage @ 6%	360.66							
	SubTotal	6371.66							
	Tender premium(-1.80%)	114.69							
	GrandTotal	6256.97							
6	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.16)	Tonne.s							
	(0.058tonne,s / cum)				128.94	0.058	7.48	59021.20	441404.00
	Basic Rate	56701.00							
	Area Weightage @ 6%	3402.06							
	SubTotal	60103.06							
	Tender premium(-1.80%)	1081.86							
	GrandTotal	59021.20							

	"SRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspeecificationS.Specification no.KBS 4.6.2 (pwd sr2016-17 p.no15/4.31)	Sqm							
	Side walls:-Inside		10	58.00		0.70	406.00		
			10	58.00		0.85	493.00		
	Out side		2	15.00		0.80	24.00		
			2	15.00		0.95	28.50		
	Basic Rate	293.00					951.50	304.99	290198.00
	Area Weightage @ 6%	17.58							
	SubTotal	310.58							
	Tender premium(-1.80%)	5.59							
	GrandTotal	304.99							
8	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
	Cross roads		5	58.00	0.75		217.50		
	Main Road		1	15.00	0.90		13.50		
							231.00	2062.20	476368.20
	Approved Data Rate	2100.00							
	Tender premium(-1.80%)	37.80							
	GrandTotal	2062.20							
9	Miscellaneous charges	L/S							158.80
								Total RS	2451600.00

(Rupees Twenty four lakhs fifty one thousand Six hundred only)

Certificate

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2016-17
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

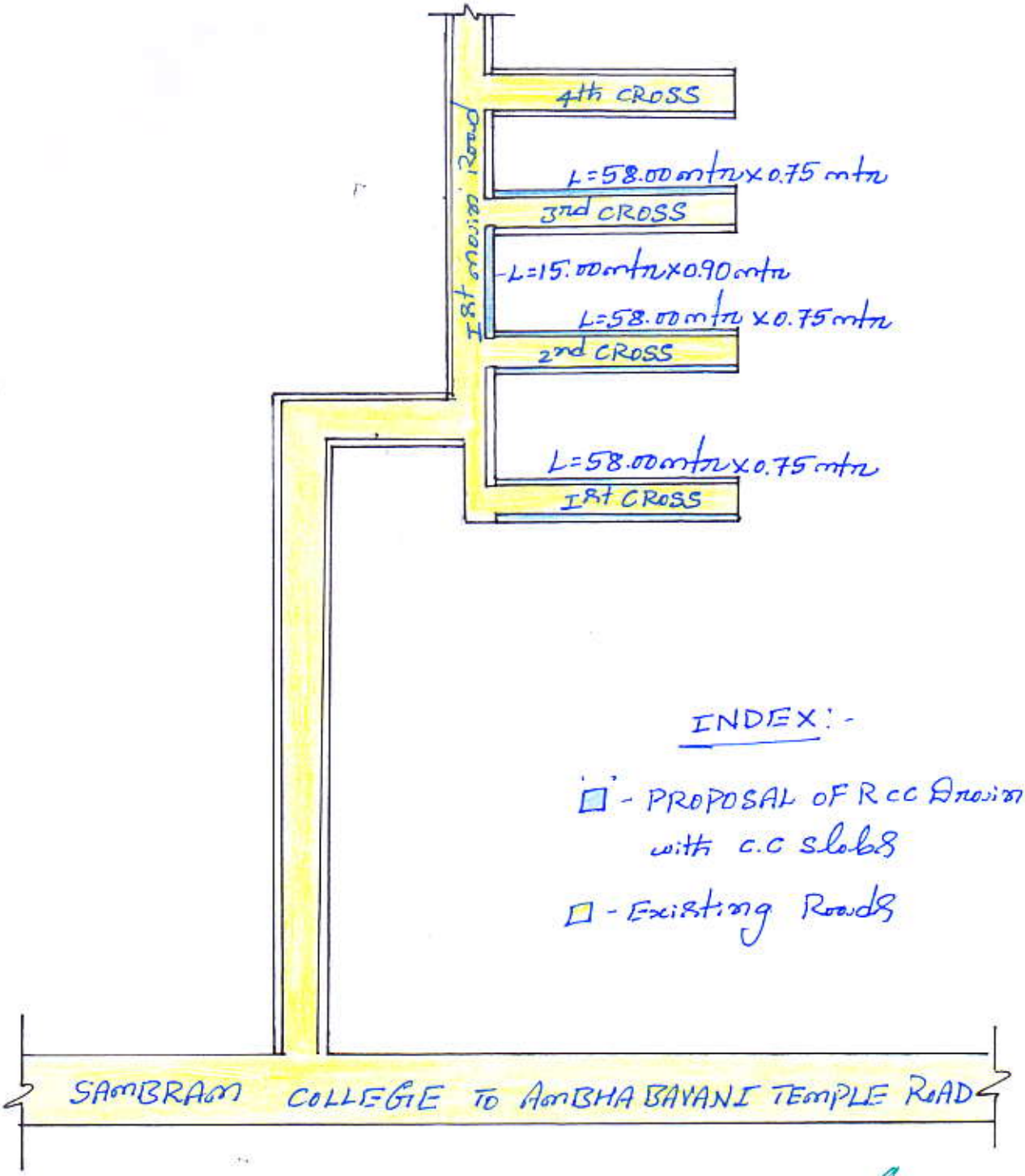
Executive Engineer
Yelahanka Division
Bangalore-64

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

"Modified Estimate Sanctioned"

Chief Engineer
Yelahanka Zone
Bruhat Bangalore Mahanagara Palike
28/10/17

Name of Work:-Providing asphalting to main and cross roads of Ambhabhavani Layout in Attur ward no-03.(Providing RCC Drain in Amba Bhavani Nagara of Attur ward No-03.)



Cleared by
AE-03